ABSTRACT

A method for forming a metal back-attached phosphor screen comprises forming a phosphor layer on an inner surface of a face plate, transferring a metal film, and heating and pressing the metal film transferred onto the phosphor layer by a press roller. The transferring includes disposing a transfer film having at least a base film, a metal film and an adhesive-agent layer on the phosphor layer so that the metal film contacts the phosphor layer via an adhesive agent, heating and pressing by a transfer roller to let the metal film adhere thereto, and peeling the base film Both the temperatures of the pressing sections of the transfer roller and press roller are 150 to 240°C and both the pressing rates are 1.0 to 6.0 meter/minute. A metal back-attached phosphor screen exhibiting an excellent adhesiveness between the phosphor layer and a metal back layer and a superior withstand voltage characteristic can be formed with a good process yield.